

FIG. 1

<u>mryrasalgs</u>	<u>dgvrvtm*esa</u>	<u>ltardrvgvq</u>	<u>dfvllenfts</u>
<u>eaafienlrr</u>	<u>rfrenliyty</u>	<u>igpvlsvnp</u>	<u>yrdlqiysrq</u>
<u>hmeryrgvsf</u>	<u>yevpphlfav</u>	<u>adtvyralt</u>	<u>errdqavmis</u>
<u>[gesgagkt]ea</u>	<u>tkrllqfyae</u>	<u>tcpapergga</u>	<u>vrdrllqsnp</u>
<u>vleafgnakt</u>	<u>lmdnssrfg</u>	<u>kymdvqfdfk</u>	<u>gapvgghils</u>
<u>ylleksrvvh</u>	<u>qnhgernfhv</u>	<u>fyqlleggee</u>	<u>etlrlgler</u>
<u>npqsylylvk</u>	<u>gqcakvssin</u>	<u>dksdwkvmrk</u>	<u>alsvidfted</u>
<u>evedllsiva</u>	<u>svlhlgnihf</u>	<u>aadedснаqv</u>	<u>ttenqlkylt</u>
<u>rllgvegttl</u>	<u>realthrki</u>	<u>akgeellsp</u>	<u>nleqaayard</u>
<u>alakavysrt</u>	<u>ftwlvrlkinr</u>	<u>slaskdaesp</u>	<u>swrsttvlgl</u>
<u>ldiygfevfq</u>	<u>hnsfeqfcin</u>	<u>ycneklqqlf</u>	<u>ieltlkseque</u>
<u>eyeaegiawe</u>	<u>pvqyfinkii</u>	<u>cdlveekfkg</u>	<u>iisildeecl</u>
<u>rpgeatdltf</u>	<u>lekledtvkp</u>	<u>hphflthkla</u>	<u>dqktrksldr</u>
<u>gefrllhyag</u>	<u>evtysvtgfl</u>	<u>dknndllfm</u>	<u>lketmcssmn</u>
<u>pimaqcfdfs</u>	<u>elsdkk rpet</u>	<u>vatqfkmsll</u>	<u>qlveilrske</u>
<u>payircikpn</u>	<u>dakqpgrfde</u>	<u>vlirhqvkyl</u>	<u>glmenlrurr</u>
<u>agfayrrkye</u>	<u>aflqrykslc</u>	<u>petwpmwagr</u>	<u>pqdgavavlvr</u>
<u>hlgykpeeyk</u>	<u>mgrtkifirf</u>	<u>pktlfateds</u>	<u>levrrqslat</u>
<u>kiqaawrgfh</u>	<u>wrqkflrvkr</u>	<u>saiciqswwr</u>	<u>gtlgrkaakr</u>
<u>kwaaqtirr</u>	<u>lirgflrhs</u>	<u>pr cpenaffl</u>	<u>dhvrasfln</u>
<u>lrrqlprnvl</u>	<u>dtswptpppa</u>	<u>lreasellrel</u>	<u>cmknmvwky</u>
<u>crsispewkq</u>	<u>qlqqkavase</u>	<u>ifkgkkdnyp</u>	<u>qsvprlfist</u>
<u>rlgteeispr</u>	<u>vlqslgsepi</u>	<u>qyavpvvkyd</u>	<u>rkgykprprq</u>
<u>llltpsavvi</u>	<u>vedakvkqri</u>	<u>dyanltgisiv</u>	<u>sslsdslfvl</u>
<u>hqvrednkqk</u>	<u>gdvvqlsdhv</u>	<u>ietltktals</u>	<u>adrnninin</u>
<u>qgsitfaggp</u>	<u>grdgiidfts</u>	<u>gsellitkak</u>	<u>nghlavvapr</u>

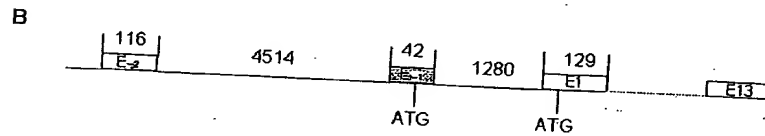
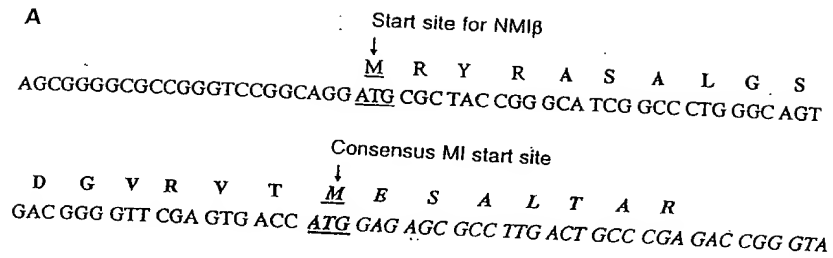
Insr.

FIG. 2

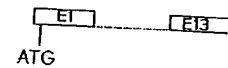
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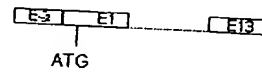
FIGURE 3



Vibrator mouse (9) and human (10) myosin I  $\beta$



Normal mouse (10) myosin I  $\beta$



Nuclear myosin I  $\beta$

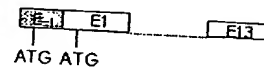


FIGURE 4

